

I/We Claim:

1. A cellular cushioning material comprising a sheet formed from at least two layers made of plastic welded to each other on either longitudinal side, the at least two layers are welded to each other in a diagonal manner across their widths, forming a plurality of diagonally oriented sleeves.
2. The material of claim 1 wherein the sleeves terminate downwardly before contacting the air entry passage side, thereby forming a longitudinally extending air entry passage.
3. The material of claim 1 wherein each of the diagonally oriented sleeves is substantially sealed on all sides, except for a small opening at the side of the sleeve facing the air entry passage for allowing air from the air entry passage to enter the respective sleeves.
4. The material of claim 1 comprising at least two individual cushioning cell, when inflated.
5. The material of claim 4 wherein the at least two cushioning cell is of a rhombus shape.
6. The material of claim 4 wherein the at least two cushioning cell is of a diamond shape.
7. The material of claim 4 wherein the at least two cushioning cell is of a parallelogram shape.
8. The material of claim 4 wherein the at least two cushioning cell is of a cushioning cells side is carved.
9. The material of claim 1 wherein the material comprises further an un-inflated area.
10. The material of claim 1 wherein the material further comprises perforation along welding lines located where the plastic layers have been welded to one another for enabling separation of the cellular cushioning material.

11. The material of claim 1 wherein the material is welded by at least one sealing line.
12. The material of claim 11 wherein the at least one sealing line is placed longitudinally along the diagonally oriented sleeves and extends in a direction intersecting the sleeves and an air entry passage so as to form a row of multiple inflatable cushioning cells.
13. The material of claim 1 wherein the air entry passage is located at one side of the cellular cushioning material.
14. The material of claim 1 wherein the air entry passage is located in the central region of the cellular cushioning material.
15. The material of claim 1 wherein the air entry passage is located in a region located between the sides of the cellular cushioning material.
16. The material of claim 1 wherein the at least two cushioning cell extend transversally of said sheet, the entire width of said sheet.
17. The material of claim 1 wherein the at least one cushioning cell extends at an angle relative to a side sheet, the entire width of said sheet.
18. The material of claim 1 wherein the diagonally oriented sleeves have straight edges.
19. The material of claim 1 wherein the diagonally oriented sleeves have edges of a curvature.
20. A plastic cellular cushioning material sheet comprising at least two layers of plastic welded in a predetermined manner so as to have a plurality of inflatable diagonally oriented sleeves extending in a first direction and an air entry passage, wherein each of said inflatable diagonally oriented sleeves communicate with the air entry passage for allowing entry of air

from said air entry passage into said sleeves, the air entry passage is elongated in a longitudinal direction of said sheet, said sealing line extends the entire width of said sheet.

21. The material of claim 19 wherein the inflatable diagonally oriented sleeves are welded across their horizontal length substantially the entire width of the sheet intersecting the diagonally oriented sleeves, whereby a plurality of cellular cushioning cells extend substantially the entire width of the sheet.

22. A cellular cushioning material sheet comprising at least two layers of plastic welded in a predetermined manner so as to have a plurality of inflatable sleeves extending in a first direction and an air entry passage, wherein each of said inflatable sleeves communicates with the air entry passage for allowing entry of air from said air entry passage into said sleeves; a sealing line extends in a second direction intersecting the first direction; said sealing line extends into said air entry passage.

23. The material of claim 21 wherein the inflatable diagonally oriented sleeves are welded across their horizontal length substantially the entire width of the sheet intersecting the diagonally oriented sleeves, whereby a plurality of cellular cushioning cells extend substantially the entire width of the sheet.

24. The material of claim 22 wherein the cellular cushioning cells are inflated.